

FIG. 2

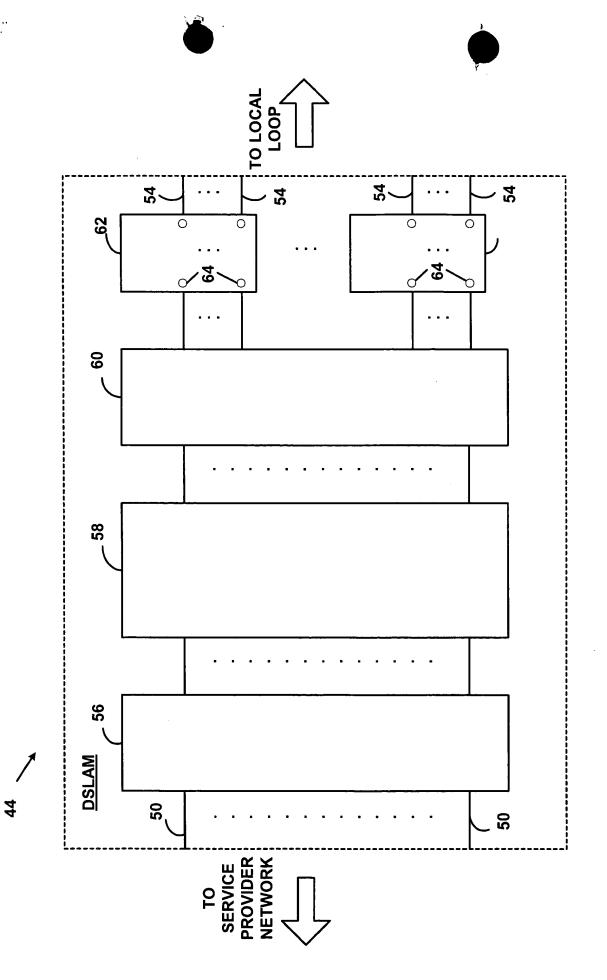


FIG. 3

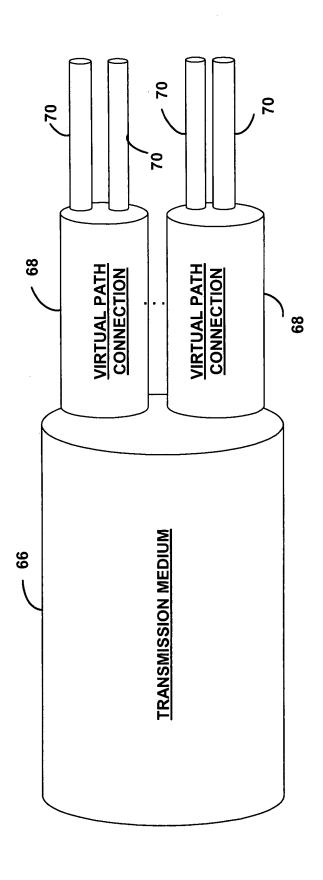


FIG. 4

FIG. 5

FIG. 6

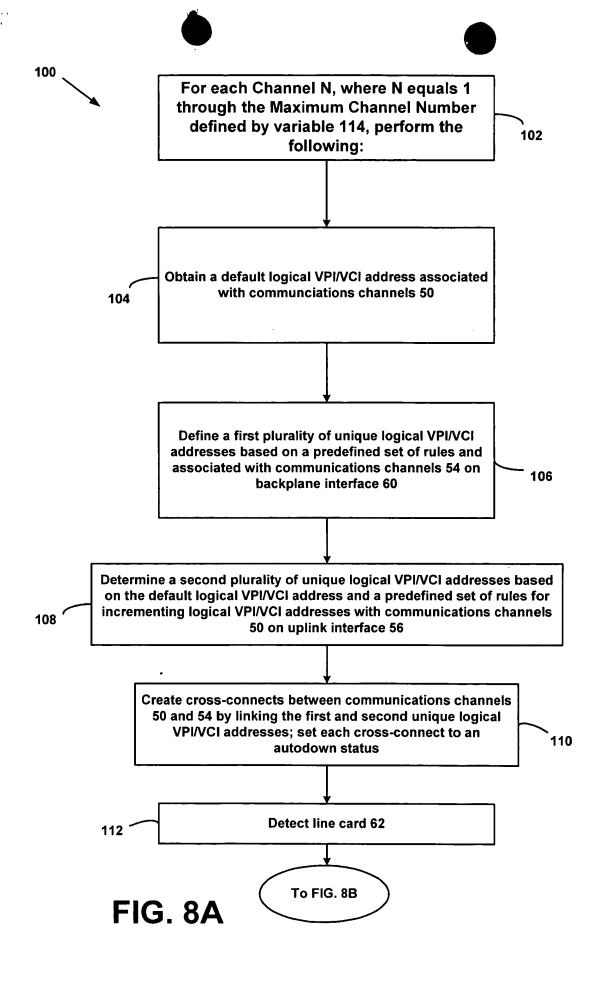


FIG. 8B

<u>144</u>	LINE CARD VARIABLE	VALUE
146	SLOT#	
148	NUMBER OF PORTS	
<u>150</u>	REQUESTED NUMBER OF	
	CHANNELS PER PORT	
<u>152</u>	REQUESTED TRAFFIC	
	PROFILE INDICATOR PER	
	CHANNEL	

FIG. 9

<u>154</u>	DSL PORT VARIABLE	VALUE
<u>154</u>	DSL PORT #	
<u>156</u>	MAX VPI	
<u>158</u>	MAX VCI	
160	STATUS	
<u>162</u>	CONFIGURATION	
	PARAMETERS	
(#	channels, ATM parameters,	
up	stream and downstream rate	
	table, etc.)	

FIG. 10

<u>166</u>	BACKPLANE INTERFACE	VALUE
	VARIABLE	+ 3 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)
<u>168</u>	INTERFACE ID	
<u>170</u>	MAX VPI	
172	MAX VCI	
174	STATUS	
<u>176</u>	OTHER PARAMETERS	

FIG. 11

<u>178</u>	UPLINK INTERFACE VARIABLE	VALUE;
<u>180</u>	INTERFACE ID	
182	MAX VPI	
184	MAX VCI	
186	STATUS	
188	OTHER PARAMETERS	

FIG. 12

190	CROSS-CONNECT VARIABLE	VALUE
192	CROSS CONNECT ID	
<u>194</u>	IFINDEX1	
196	VPI1	
200	VCI1	
202	IFINDEX2	
204	VPI2	
206	VCI2	

FIG. 13

N TABLE	BACKPLANE INTERFACE:VPI:VCI  [IF1 ≤ BACKPLANE INTERFACE ≤ IFc]  [VPI0 = fixed starting VPI]  [VCI0 fixed starting VCI]  [p = number of ports per card]  [c = number of cards in system]	IF1:VPI0:VCI0	IF1:VPI0+1:VCI0	•	IF1:VPI0+p-2:VCI0	IF1:VPI0+p-1:VCI0	IF2:VP10/ VC10	IF2:VPI0+1:VCI0	•	IF2:VPI0+p-2:VCI0	IF2:VPI0+p-1:VCI0	•	IF2:VPI0/ VCI0	IF2:VPI0+1:VCI0	•
CROSS-CONNECTION TABLE	<u>216</u> <u>STATUS</u>														
CROS	UPLINK INTERFACE:VPI:VCI [UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VCI0 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system]	IFup:VPI0:VCI0	IFup:VPI0:VCI0+1	•	IFup:VPI0:VCI0+p-2	IFup:VPI0:VCI0+p-1	IFup:VPI0:VCI0+p	IFup:VPI0:VCI0+p+1		IFup:VPI0:VCI0+p*2-2	IFup:VPI0:VCI0+p*2-1	-	IFup:VPI0:VCI0+p*(c-2)	IFup:VPI0:VCI0+p*(c-2)+1	•
210	212														

FIG. 14A

210	CRO	CROSS-CONNECTION TABLE	BLE
212	UPLINK INTERFACE:VPI:VCI	216 STATUS	214 BACKPLANE INTERFACE:VPI:VCI
	[UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VCI0 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system]	·	[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VPI0 = fixed starting VPI] [VCI0 fixed starting VCI] [p = number of ports per card] [c = number of cards in system]
	IFup:VPI0:VCI0+p*(c-1)-2		IFc:VPI0+p-2:VCI0
	IFup:VPI0:VCI0+p*(c-1)-1		IFc:VPI0+p-1:VCI0
	IFup:VPI1:VCI1		IF1:VPI0:VCI1
	IFup:VPI1:VCI1+1		IF1:VP10+1:VC11
	IEm:VPI4:VCI4+n-2		IE1:VPI0+n-2:VCI1
	IFup:VPI1:VCI1+p-1		IF1:VPI0+p-1:VCI1
	IFup:VPI1:VCI1+p		IF2:VPI0/ VCI1
	IFup:VPI1:VCI1+p+1		IF2:VPI0+1:VCI1
	•		•
	IFup:VPI1:VCI1+p*(c-2)		IF2:VP10/ VC11
	IFup:VPI1:VCI1+p*(c-2)+1		IF2:VPI0+1:VCI1
	•		

FIG. 14B

210	CRO	CROSS-CONNECTION TABLE	BLE
212	UPLINK INTERFACE:VPI:VCI	216 STATUS	214 BACKPLANE INTERFACE:VPI:VCI
	[UPLINK INTERFACE = Ifup = 1] [VPI0 ≤ VPI ≤ VPIm] [VCI0 ≤ VCI ≤ VCIm] [p = number of ports per card] [c = number of cards in system]		[IF1 ≤ BACKPLANE INTERFACE ≤ IFc] [VPI0 = fixed starting VPI] [VCI0 fixed starting VCI] [p = number of ports per card] [c = number of cards in system]
	Fup:VPI1:VCI1+p*(c-1)-2  Fup:VPI1:VCI1+p*(c-1)-1		IFc:VPI0+p-2:VCI1 IFc:VPI0+p-1:VCI1
	IFup:VPIm:VCIm		iF1:VPI0:VCIc-1
	IFup:VPIm:VCIm+1		IF1:VPI0+1:VCIc-1
	IFup:VPIm:VCIm+p-2		IF1:VPI0+p-2:VClc-1
	IFup:VPIm:VCIm+p-1		IF1:VPI0+p-1:VCIc-1
	IFup:VPIm:VCIm+p		IF2:VPI1/ VCIc-1
	IFup:VPIm:VCIm+p+1		IF2:VPI2:VCIc-1
	IFup:VPIm:VCIm+p*(c-2)		IF2:VPI0/ VCI0
	IFup:VPIm:VCIm+p*(c-2)+1		IF2:VPI0+1:VCI0

FIG. 14C

220	VCL VARIABLE	VALUE
222	IFINDEX	
224	VPI	
226	VCI	
228	TRAFFIC PROFILE UP	
<u>230</u>	TRAFFIC PROFILE DOWN	

FIG. 15

232 AUTO-CONFIGURA	ATION RECORD
AUTO-CONFIGURATION VARIABLE	VALUE
234 INTERFACE ID	
236 CHANNEL	
238 BASE VPI	
240 BASE VCI	

FIG. 16

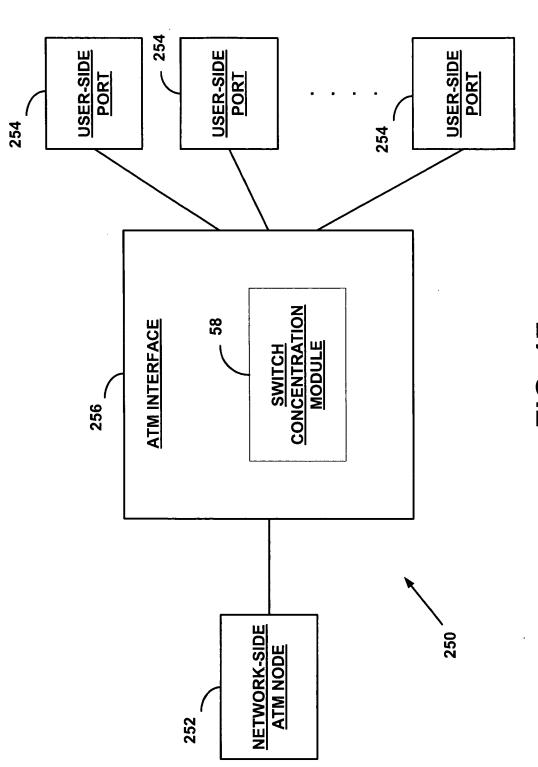
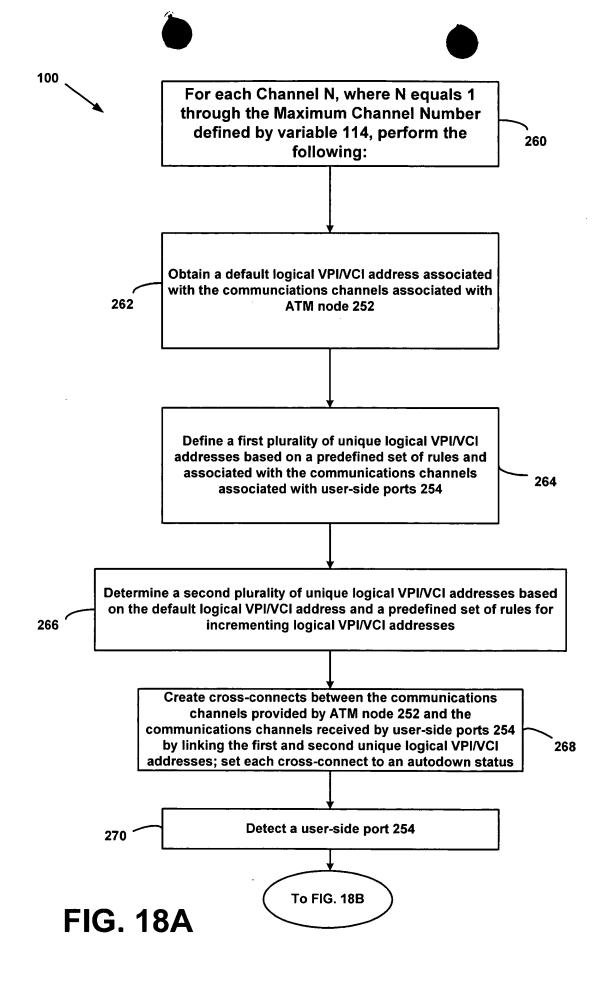
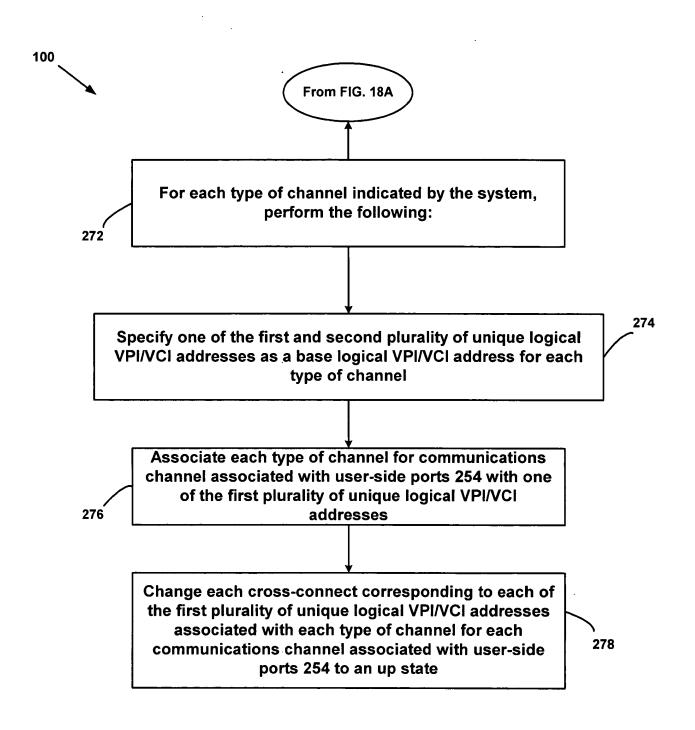


FIG. 17





**FIG. 18B**